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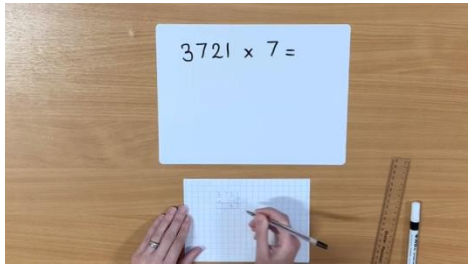
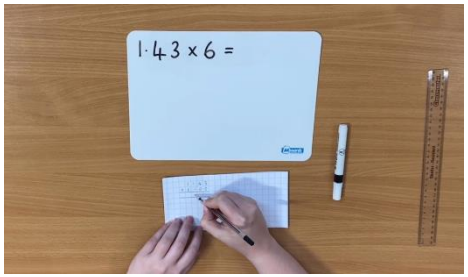
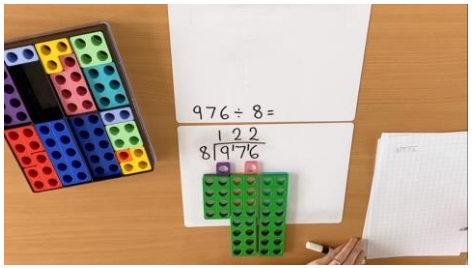
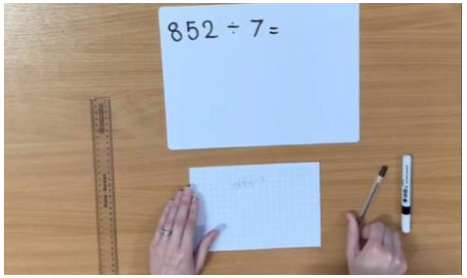
| 5 | • Add **whole numbers** with **more than 4 digits** (and with **up to 3 decimal places**), including using formal written methods (columnar addition) | • Subtract **whole numbers** with **more than 4 digits** (and with **up to 3 decimal places**), including using formal written methods (columnar subtraction) | • Multiply numbers **up to 4 digits by a 1 digit number** using a formal written method *e.g. 3721 x 7*<br>• Multiply **one-digit numbers with up to three decimal places by whole numbers**<br>• Multiply numbers **up to 4 digits by 2-digit number** using a formal written method *e.g. 3721 x 37* | • Divide numbers up **to 4 digits by a one-digit number** using the formal written method and **interpret remainders**<br>• Divide numbers up **to 4 digits with up to 3 decimal places by a one-digit number** using the formal short written method |
| | *The same as Year 4 but with larger numbers and with a greater number of decimals places - up to 3 decimal places.*<br><br>*Continue to ensure that the use of '0' as a placeholder is used to ensure pupils are confident with the exchanging and adding on process.* | *The same as Year 4 but with larger numbers and with a greater number of decimals places - up to 3 decimal places.*<br><br>*Continue to ensure that the use of '0' as a placeholder is used to ensure pupils are confident with the exchanging process.* | Multiplication of a four-digit numbers by a one-digit numbers.<br><br>Refer to the Year 4 place value counters videos.<br><br>3721 x 7 = 26047<br><br>  <br><br>Multiplication of a one-digit number with up to three decimal places by a one-digit number.<br><br>  <br><br>*Develop to up to 4 digits with up to 3 decimal places by a one-digit number.* | Division of numbers with up to four digits by a one-digit number.<br><br>*Consolidate understanding of using the formal written method without remainders as outlined within Year 4.*<br><br>*(Numicon) (as used in Year 4)*<br><br>976 ÷ 8 = 122<br><br>  <br><br>Three-digit number divided by one-digit number – with remainders<br><br>852 ÷ 7 = 121 r 5<br><br>*Round up or down given the context of the problem.*<br><br>  <br> |

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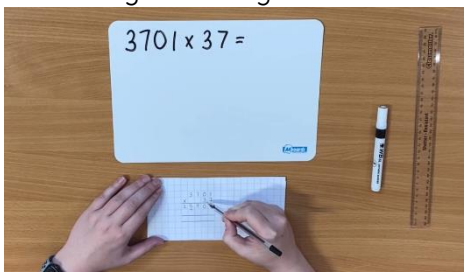
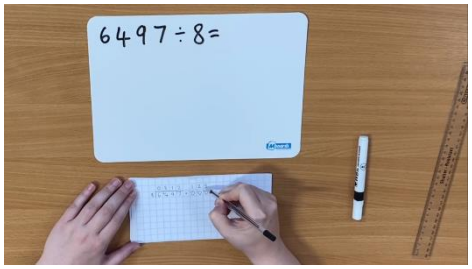
| | | | Multiplication of a four-digit number by a two-digit number.<br>  | Four-digit number divided by one-digit number – with remainders- interpreted as a decimal (to 3 decimal places)<br>6497 ÷ 8 = 812.125<br>  <br>Refer to the calculation policy for progression steps. |